

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/005501 A1

(51) International Patent Classification⁷: C08F 265/04, 267/04, C08L 83/04, B32B 27/32, H01L 21/302

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(21) International Application Number:

PCT/US2003/036559

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:

17 November 2003 (17.11.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:
60/479,179

18 June 2003 (18.06.2003) US

(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: HEAT RELEASABLE WAFER DICING TAPE

(57) **Abstract:** A thermocurable pressure sensitive adhesive composition is provided comprised of at least one pressure sensitive adhesive, at least one multifunctional monomer or oligomer, at least one free radical initiator, and optionally a crosslinking agent. The pressure sensitive adhesive composition of the present invention may be used with advantage in the production of a semiconductor chip, wherein a wafer chip is attached to the pressure sensitive adhesive layer during the chip manufacturing process during which a diced chip is produced. The adhesive composition may be thermocured once the diced chip has been processed to permit ease of removal of the diced chip due to loss of adhesion by the adhesive composition as a result of being thermocured.

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